



Kisi Network Requirements

Ethernet * WiFi * Firewall

| Kisi Reader Pro | PoE and/or WiFi (2.4Ghz or 5Ghz) For redundancy the WiFi can be provided by 4G router as backup It supports 10Mbps and 100Mbps operation. | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|------|-----------------------------------|-----|-------|-------|---|--|----------------------------------|-----|---|--|-----------------------------------|----|---|--|-----------------------|--|
| Kisi Controller Pro | Ethernet and/or WiFi (2.4Ghz or 5Ghz) For redundancy the WiFi can be provided by 4G router as backup It supports 10Mbps and 100Mbps operation. | | | | | | | | | | | | | | | | | |
| Firewall Settings | <p>The Kisi Controller Pro only makes outbound connections, so you have to configure the TCP ports if you have a firewall that prevents outbound connections.</p> <table border="1"><thead><tr><th>Port</th><th>TCP</th><th>UDP</th><th>Usage</th></tr></thead><tbody><tr><td>31314</td><td>✓</td><td></td><td>Initial device-server connection</td></tr><tr><td>993</td><td>✓</td><td></td><td>Fallback device-server connection</td></tr><tr><td>80</td><td>✓</td><td></td><td>Fetch device firmware</td></tr></tbody></table> | Port | TCP | UDP | Usage | 31314 | ✓ | | Initial device-server connection | 993 | ✓ | | Fallback device-server connection | 80 | ✓ | | Fetch device firmware | |
| Port | TCP | UDP | Usage | | | | | | | | | | | | | | | |
| 31314 | ✓ | | Initial device-server connection | | | | | | | | | | | | | | | |
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| 80 | ✓ | | Fetch device firmware | | | | | | | | | | | | | | | |
| Enterprise WiFi | Kisi Controller Pro 1.1 does not currently support enterprise-level wifi authentication, 802.1x, which requires that you log in with a username and password as well as the customary SSID. You will not be able to connect your Kisi to such a network unless this is downgraded to a 802.11n wifi operating in the 5GHz band. It is also compatible with 802.11a, 802.11b, and 802.11g networks as well. | | | | | | | | | | | | | | | | | |
| Captive WiFi / Hosted WiFi | The wifi chip does not support networks which require a user to enter login details before network access is granted. This is most commonly encountered with public hotspots and some guest networks in office environments (rarely for home-based wifi networks). | | | | | | | | | | | | | | | | | |
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Kisi Inc

sales@getkisi.com, (+1) 646 663 4880

www.getkisi.com

